



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
**Werner Hiereth** ) Art Unit: **3735**  
)  
Application No.: **10/673,913** ) Examiner: **Shay, David M.**  
)  
Filed: **September 29, 2003** ) Attorney Docket No. **10286.105001**  
)  
For: **Laser with Intelligent Therapeutic Fiber** )  
)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant cites the information on the attached Form PTO-1449, "List of Information Disclosed by Applicant," pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. Applicant has enclosed a copy of each cited foreign item.

This IDS is being filed before the mailing date of a Final Office Action or a Notice of Allowance. The Commissioner is authorized to charge the \$180 fee required by 37 C.F.R. § 1.17(p) plus any additional required fees, or to credit any overpayment, to Deposit Account No. 11-0980. A duplicate of this document is attached.

Multiple items listed on the attached Form PTO-1449 are not in the English language. Regarding German patent DE4025851, Applicant submits the following as a concise statement of the relevance of that document: The patent describes an "intelligent" laser system in which

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 22, 2006.

Lisa B. Sims, Reg. No. 56,701

reemitted radiation produced during the treatment of material by means of laser light is transmitted to a detector via a transmission system for the laser light. The detector determines the intensity of the reemitted radiation. Such a laser system can successfully be used for minimizing unintentional tissue damage, since the laser power is controlled automatically via the detection of the intensity of the reemitted radiation.

Regarding German patent DE 19729978 A1, Applicant submits the following as a concise statement of the relevance of that document: The document describes a device for joining two light guides or bundles for communications links. The device accepts the ends of both light guides or bundles in receiving sockets. Each socket and the resulting ends of the guides or bundles have a common, flatly ground, butt end. Both receiving sockets and the resulting ends of conductors or bundles are held together at the butt ends by means of the enclosing clamping collar, coaxial to each and contacting each other under pressure. The clamping collar has one end axially supported by the receiving socket. The other end, by a fixing connection from the bayonet, screw, clip or other connection, the other receiving socket is held, and can be released.

Regarding German patent DE 4013455 A1, Applicant submits the following as a concise statement of the relevance of that document: The documents describes an optical plug element and method for producing it. The optical plug element comprises a small tube, in the central bore of which an optical fibre is secured in such a way that a section of the optical fibre projects from the small tube with a precurved end face. Such a plug element is rendered simple to produce and mechanically resistant owing to the fact that the optical fibre is bonded in the central bore of the small tube via a capillary gap which is dimensioned such that in the liquid state the bonding agent can be drawn by capillary forces.

Regarding German patent DE 4216254 C2, Applicant submits the following as a concise statement of the relevance of that document: The document describes a light guide for an irradiation device for medical and/or dental applications. The light guide includes a flexible central piece at one end of which a connecting piece and at the other end of which a gripping

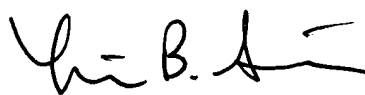
piece with a light emergence part are arranged. For creation of a light guide whose gripping piece can be assembled and disassembled repeatedly in a simple manner and which at the same time permits constant emergence of radiation in every position, a connecting sleeve interacting with an annular groove in the gripping piece is firmly fitted on the end of the central piece at the side of the gripping piece, the connecting sleeve and the annular groove being in releasable engagement via spherical locking elements, and the connecting sleeve and the connecting parts being centered with respect to their axes via the locking elements.

Regarding German patents DE10106297A1, DE19629646C2, DE19534590A1, and DE69229128T2, Applicant has cited U.S. patent documents, 2004/0037498, 6,092,722, and 6,086,366, and PCT patent document WO 93/21841 that relate to those German patents, respectively. Applicant submits that those related documents include a disclosure similar to the corresponding German patents and provide an explanation of the relevance of the subject matter of those German patents.

Applicant has attached an English language translation of German patent G9013085.5.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

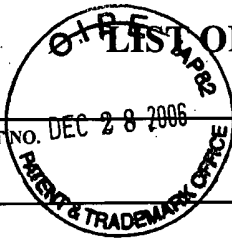
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Lisa B. Sims", with a stylized flourish at the end.

Lisa B. Sims  
Reg. No. 56,701

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K&S Docket: 10286.105001

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

ATTY. DOCKET NO. **10286.105001** SERIAL NO. **10/673,913** FILING DATE **September 29, 2003**

APPLICANT **Werner Hiereth** GROUP **3735**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,592,353	06/03/1986	Daikuzono			
	AB	4,693,244	09/15/1987	Daikuzono			
	AC	4,736,743	04/12/1988	Daikuzono			
	AD	5,071,222	12/10/1991	Laakmann			
	AE	5,098,427	03/24/1992	Hessel			
	AF	5,112,328	05/12/1992	Taboada			
	AG	5,139,494	08/18/1992	Freiberg			
	AH	5,154,708	10/13/1992	Long			
	AI	5,300,066	04/05/1994	Manoukian			
	AJ	5,360,447	11/01/1994	Koop			
	AK	5,409,537	04/25/1995	Poulios			
	AL	5,416,878	05/16/1995	Bruce			
	AM	5,454,808	10/03/1995	Koop			
	AN	5,490,849	02/13/1996	Smith			
	AO	5,520,681	05/28/1996	Fuller			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	5,535,399	07/09/1996	Blitz			
	BB	5,540,676	07/30/1996	Freiberg			
	BC	5,607,420	03/04/1997	Schuman			
	BD	5,688,263	11/18/1997	Hauptmann			
	BE	5,738,679	04/14/1998	Daikuzono			
	BF	5,841,562	11/24/1998	Rangwala			
	BG	5,860,972	01/19/1999	Hoang			
	BH	5,872,618	02/16/1999	Nagayama			
	BI	5,908,417	06/01/1999	Miller			
	BJ	5,951,543	09/14/1999	Brauer			
	BK	5,957,915	09/28/1999	Trost			
	BL	5,971,755	10/26/1999	Liebermann			
	BM	6,022,345	02/08/2000	Miller			
	BN	6,086,366	07/11/2000	Mueller			
	BO	6,092,722	07/25/2000	Heinrichs			
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Werner Hiereth	3735	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO.
	DA	DE 101 06 297 A1	03JAN2002	Germany			x
	DB	DE 195 34 590 A1	13MAR1997	Germany			x
	DC	DE 196 29 646 C2	29JAN1998	Germany			x
	DD	DE 40 25 851 C2	20FEB1992	Germany			x
	DE	EP 0 292 622	11DEC1996	Europe			n/a
	DF	EP 0 325 836 A	02AUG1989	Europe			n/a
	DG	EP 0 404 968 A	30NOV1994	Europe			n/a
	DH	EP 0 433 464 B1	26JUN1991	Europe			n/a
	DI	EP 0 514 258 A1	19NOV1992	Europe			n/a
	DJ	DE 692 29 128 T2	5AUG1999	Germany			x
	DK	DE 197 29 978 A1	14JAN1999	Germany			x
	DL	DE 40 13 455 A1	31OCT1991	Germany			x
	DM	DE 42 16 254 C2	18AUG1994	Germany			x
	DN	G 90 13 085.5	03JAN1991	Germany		x	
	DO	WO 93/21841	11NOV1993	PCT			n/a

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